

1. Identification

Product Name: SubXero®

Item #: 6705

Web SDS: S515

Synonyms: N/A

Recommended Use: Laboratory Reagent

Restrictions on Use: Any use other than recommended

Manufacturer:

In Case of Emergency:

BBC Biochemical

Chemtrec US 1-800-424-9300

409 Eleanor Lane

Chemtrec International 703-527-3887

Mount Vernon, WA 98273

1-800-635-4477

2. Hazards Identification

OSHA Hazard Classification(s):

Signal Word: N/A

Hazard Statement(s): This mixture does not meet the criteria for classification.

Pictogram(s): N/A

Precautionary Statement(s): Observe good laboratory hygiene practices. Wash hands after handling. Response: If on skin: Wash with plenty of water. Specific treatment (see first aid section on this label). If skin irritation or rash occurs: Get medical attention. Take off all contaminated clothing and wash it before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing If eye irritation persists: Get medical attention. Call a doctor if you feel unwell. Storage: Store locked up. Disposal: Dispose of contents/container in accordance with local regulations

Descriptions of Hazards not otherwise classified: N/A

Percent of mixture with unknown acute toxicity: N/A

3. Composition and Information on Ingredients

Chemical Name	Common Name	CAS #	Concentration %
Polyvinyl Alcohol		9002-89-5	Trade Secret
Polyethylene Glycol		25322-68-3	Trade Secret
Non-reactive Ingredient		Trade Secret	Trade Secret
Deionized Water		7732-18-5	Trade Secret

4. First Aid Measures

Eye Contact: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation develops or persists: Get medical advice/attention.

Skin Contact: If on skin (or hair): Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.

Inhalation: Remove to fresh air. Get medical advice/attention if you feel unwell.

Ingestion: Rinse mouth. Get medical attention if symptoms occur.

Symptoms: Direct contact with eyes may cause temporary irritation.

Recommendations for immediate medical care/special treatment: Get medical advice/attention if you feel unwell. Physician: treat symptomatically.

5. Fire- Fighting Measures

Extinguishing Media: Dry chemical, carbon dioxide, alcohol foam.

Fire Hazards (Chemical): No unusual explosion or fire hazards noted.

Special Protective Equipment: Fire fighters should use self-contained breathing apparatus and protective clothing.

Precautions for Firefighters: Carbon monoxide and unidentified organic compounds may be formed during combustion.

6. Accidental Release Measures

Emergency Procedures: Evacuate the area of all unnecessary personnel. Wear suitable protective equipment. Eliminate all

sources of ignition and provide ventilation. Large spills: Stop the flow of material if it possible without risk. Dike the spilled material where possible. Absorb with vermiculite, dry sand, or earth and place into containers. Post-cleanup, flush area with water. Dispose of waste with accordance to local and federal regulations. Small spills: Wipe up with absorbent material. Clean surface thoroughly to remove residue. Dispose of waste in accordance with local and federal regulations.

Protective Equipment: See section 8

Environmental Precautions: Prevent release to the environment by using barriers. Avoid discharge to drains, water courses, or onto the ground.

Containment and Clean-Up Procedures: Use barriers to prevent spreading. Collect spill in container. Call waste authorities.

7. Handling and Storage

Handling: Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes, or clothing.

Storage: Store in a tightly closed container in a well-ventilated place. Keep cool. Store away from incompatible materials(see Section 10).

8. Exposure Controls/Personal Protection

OSHA Permissible Exposure Limits (PELs):

Reagent	CAS #	OSHA PEL TWA
Polyethylene Glycol	25322-68-3	10 mg/m3(as particulate)

ACGIH Threshold Limit Values (TLVs):

Reagent	CAS #	ACGIH PEL TLV	ACGIH STEL
N/A	N/A	N/A	N/A

Engineering Controls: Use in a well ventilated area to prevent exposure. Maintain eyewash fountain and quick-drench facilities in work areas.

Personal Protective Measures: Wear gloves, lab coat, eye protection and impervious footwear. Contact lenses should not be worn when working with this material.

Special PPE Requirements: If ventilation hood not available wear respirator.

9. Physical and Chemical Properties Section

Appearance: N/A, Liquid, Clear, Viscous

Molecular Weight: N/A

Molecular Formula: N/A

pH: N/A

Boiling Point and Boiling Range: N/A

Melting Point/Freezing Point: N/A

Flash Point: >450.0 F (>232.2 C)

Specific Gravity/Relative Density: N/A

Odor: Slight Alcohol

Odor Threshold: N/A

Color: N/A

Flammability (solid/gas): N/A

Vapor Density: N/A

Upper/Lower flammability or explosive limits: N/A

Vapor Pressure: N/A

Evaporation Rate: N/A

Partition Coefficient: n-octanol/water: N/A

Viscosity: N/A

Auto-ignition temperature: N/A

Solubility: Water

Decomposition Temperature: N/A

10. Stability and Reactivity

Reactivity: Not Reactive

Chemical Stability: Stable

Conditions of Stability/Instability: Stable under normal conditions of temperature and pressure.

Stabilizers needed: None

Safety issue indicated by appearance change: N/A

Other: N/A

Hazardous Reactions: N/A

Hazardous Polymerization: Does not occur

Conditions to avoid: Contact with incompatible materials.

Classes of Incompatible Materials: Strong oxidizers.

Hazardous Decomposition Products: Thermal-oxidation degradation can produce oxides of carbon. Toxic gases and vapors (I.e. Carbon monoxide) may be released in a fire.

11. Toxicological Information

Likely Routes of Exposure

Eyes: Direct contact with eyes may cause temporary irritation.

Skin: Prolonged or repeated exposure may cause irritation.

Inhalation: Prolonged inhalation may be harmful.

Ingestion: Swallowing may cause gastrointestinal irritation.

Signs or Symptoms of Exposure: Nausea, gastrointestinal irritation, temporary irritation of the skin/eyes.

Effects from short term exposure (delayed, immediate, chronic): Irritation to the eyes, nose, throat, nausea.

Acute Toxicity (Numerical Measures): Not expected to be acutely toxic.

Carcinogenicity (NTP, IARC, OSHA): This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

12. Ecological Information

Ecotoxicity: This product is not classified as environmentally hazardous. Prevent large and/or frequent spills to prevent any possible damage to environment.

Persistence and degradability: No data available.

Bioaccumulation Potential (octanol-water partition coefficient, BCF): No data available.

Mobility in the soil: Product is soluble in water and may be dispersed in soil.

Adverse Environmental Effects: None expected.

13. Disposal Considerations

Recommended Disposal Containers: Check with your local waste authorities*

Recommended Disposal Methods: Do not dispose of in drains, check with your local waste authorities.*

Physical/Chemical Properties affecting Disposal: See section 2 and section 9 applicable information.*

Special Precautions for Landfill and Incineration Activities: Check with your local waste authorities.*

Waste Stream: Consult your local or regional authorities.*

14. Transport Information

UN Number: Not Hazardous

UN Proper Shipping Name:

Transport Hazard Class(es):

Packing Group Number:

Environmental Hazards (IMDG code):

Marine Pollutant:

Transport in Bulk (IBC Code):

Special Transport Precautions:

15. Regulatory Information

OSHA: N/A

DOT: N/A

EPA: N/A

CPSC: N/A

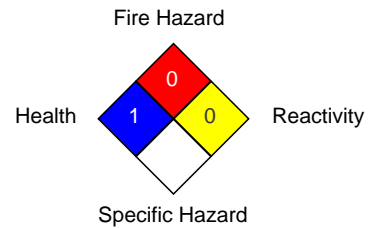
16. Other Information

Revision Date: 03/14/2017

NFPA

Health	1
Fire Hazard	0
Reactivity	0
Specific Hazard	

National Fire Protection Association (USA) NFPA



HMIS

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	0

Hazardous Material Information System HMIS

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	0

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